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The Society of the
Plastics Industry, Inc.

SPI

Monthly Statistical Report-Resins

355 Lexington Avenue
New York, New York 10017
(212) 503-0600

FOR THE MONTH AND PERIOD ENDED MAY 1986

PRODUCTION AND SALES & CAPTIVE USE OF THERMOSETTING AND THERMOPLASTIC RESINS

ISSUED BY THE
COMMITTEE ON RESIN STATISTICS

AS COMPILED BY ERNST & WHINNEY, WASHINGTON, D.C.

NOTE TO USERS:

PLEASE USE THE FOLLOWING LEGEND WHEN QUOTING DATA FROM THIS REPORT.

SOURCE: SPI COMMITTEE ON RESIN STATISTICS
AS COMPILED BY ERNST & WHINNEY

RELEASE DATE: July 24, 1986

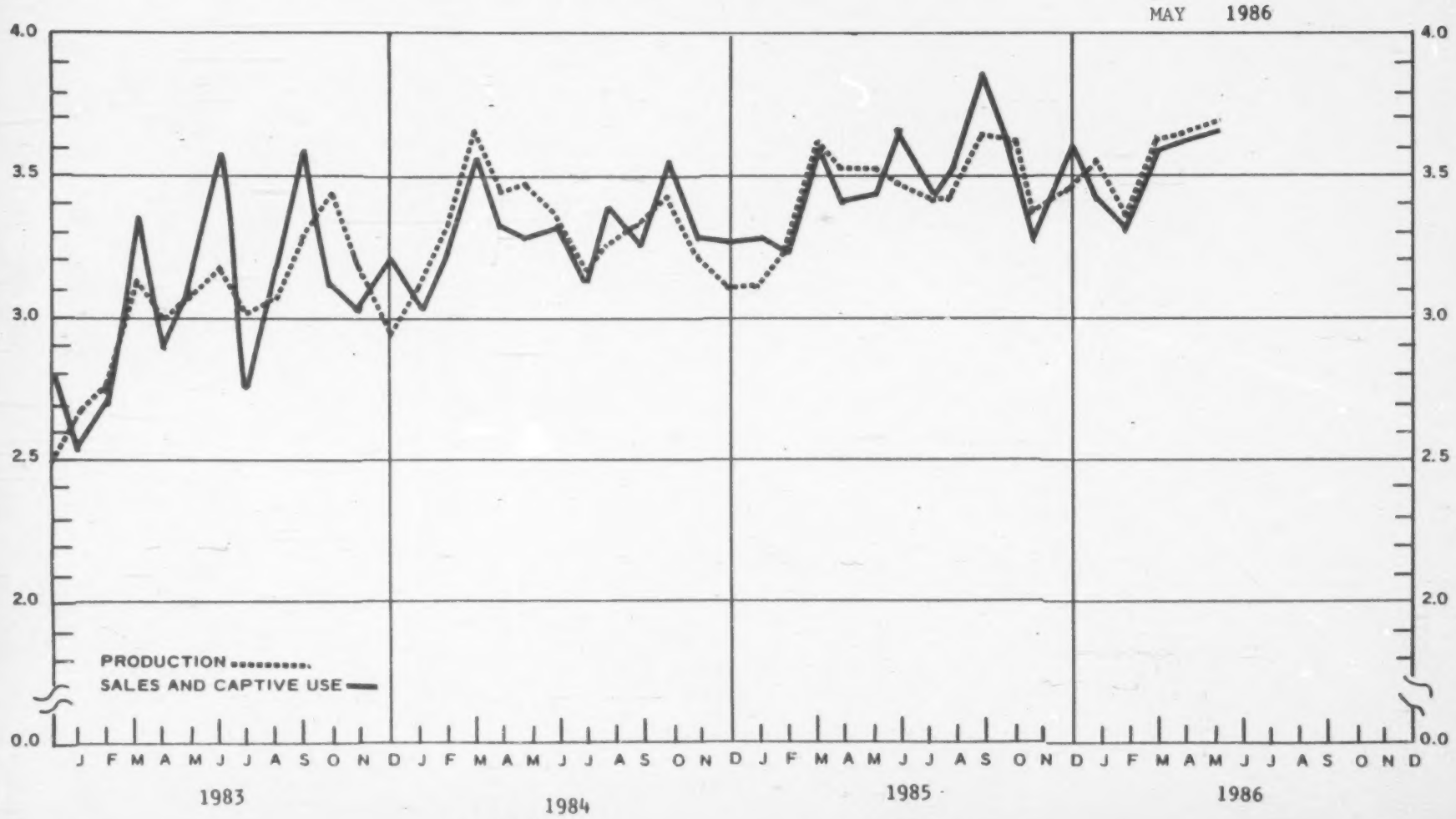
SPI SECTION I CRS

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

PRODUCTION AND SALES & CAPTIVE USE OF PLASTIC RESINS

(In billion of pounds)


MAY 1986
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PRODUCTION
SALES AND CAPTIVE USE
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Compiled by ERNST & WHINNEY, Washington, D.C., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
(In thousands of pounds, dry weight basis)(1)

MAY 1986

RESIN KIND	SALES & CAPTIVE USE						PRODUCTION					
	MAY			YEAR TO DATE			MAY			YEAR TO DATE		
	1986	1985	% Change	1986	1985	% Change	1986	1985	% Change	1986	1985	% Change
EPOXY RESINS, TOTAL	32,056	31,980	+ 0.2	159,958	156,183	+ 2.4	37,516	36,704	+ 2.2	158,912	160,427	- 0.9
POLYESTER (UNSATURATED) RESINS, TOTAL	110,419	113,031	- 2.3	530,977	528,730	+ 0.4	111,784	111,389	+ 0.4	531,604	525,394	+ 1.2
UREA RESINS, TOTAL	102,873	98,062	+ 4.9	510,300	503,390	+ 1.4	103,702	99,040	+ 4.7	513,606	507,910	+ 1.1
MELAMINE RESINS, TOTAL	15,846	17,207	- 7.9	80,572	80,809	- 0.3	13,971	18,388	-24.0	77,024	81,954	- 6.0
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	226,744	211,064	+ 7.4	1,136,977	1,058,629	+ 7.4	225,186	206,764	+ 8.9	1,127,883	1,052,510	+ 7.2
THERMOSETTING RESINS, TOTAL	487,938	471,344	+ 3.5	2,418,784	2,327,741	+ 3.9	492,159	472,285	+ 4.2	2,409,029	2,328,195	+ 3.5
LOW DENSITY POLYETHYLENE 0.930 & BELOW, TOTAL	723,196	732,651	- 1.3	3,469,211R	3,478,041	- 0.3	753,892	743,278	+ 1.4	3,679,321	3,609,446	+ 1.9
HIGH DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	585,623	542,462	+ 8.0	2,736,791	2,585,967	+ 5.8	608,393	556,187	+ 9.4	2,907,647	2,706,696	+ 7.4
POLYPROPYLENE, TOTAL	465,819	440,864	+ 5.7	2,294,048	2,139,186	+ 7.2	478,163	424,123	+12.7	2,361,663	2,074,504	+13.8
ACRYLONITRILE BUTADIENE STYRENE (ABS) RESINS, TOTAL	82,666	90,115	- 8.3	432,921	440,712	- 1.8	82,400	96,061	-14.2	453,654	438,586	+ 3.4
STYRENE ACRYLONITRILE (SAN) RESINS, TOTAL	6,215	7,544	-17.6	32,455	39,038	-16.9	7,366	7,837	- 6.0	37,116	39,119	- 5.1
POLYSTYRENE RESINS, TOTAL	379,822	346,882	+ 9.5	1,805,023	1,703,463	+ 6.0	386,216	361,572	+ 6.8	1,762,336	1,662,432	+ 6.0
STYRENE BASED LATEXES, TOTAL **	71,253	68,518	+ 4.0	348,508	328,777	+ 6.0	66,531	64,133	+ 3.7	328,089	307,521	+ 6.7
OTHER STYRENE BASED POLYMERS, TOTAL 40% or more styrene	20,651	22,818	- 9.5	113,885	108,090	+ 5.4	25,138	19,992	+25.7	107,737	107,003	+ 0.7
NYLON RESINS TOTAL	38,417	33,004	+16.4	186,455	168,655	+10.6	39,170	32,266	+21.4	199,427	172,584	+15.6
POLYVINYL CHLORIDE & COPOLYMERS (DRY RESIN CONTENT), TOTAL	635,694	514,007	+23.7	3,012,113	2,791,029	+ 7.9	587,199	575,705	+ 2.0	2,953,503	2,853,714	+ 3.5
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	60,628	60,594	+ 0.0	293,969	285,964	+ 2.8	* 60,628	* 60,594	+ 0.0	* 293,969	* 285,964	+ 2.8
POLYVINYL ALCOHOL, TOTAL #	D(4)	13,007		D(4)	61,104		D(4)	13,128		D(4)	61,415	
OTHER VINYL RESINS, TOTAL	16,170	17,567	- 8.0	80,580	79,609	+ 1.2	16,960	16,777	+ 1.1	86,960	77,819	+11.7
THERMOPLASTIC POLYESTER, TOTAL	103,454	78,189	+32.3	457,264R	385,390	+18.6	97,397	86,758	+12.3	458,699 R	399,629	+14.8
THERMOPLASTIC RESINS, TOTAL	3,189,608	2,968,222	+ 7.5	15,263,223R	14,595,025	+ 4.6	3,209,453	3,058,411	+ 4.9	15,630,121 R	14,796,432	+ 5.6
GRAND TOTAL	3,677,546	3,439,566	+ 6.9	17,682,007R	16,922,766	+ 4.5	3,701,612	3,530,696	+ 4.8	18,039,150 R	17,124,627	+ 5.3

(1) = Except phenolic resins which are reported on a gross weight basis

* = These data equal that reported for Sales & Captive Use to more closely represent the ratio between Total Production and Total Sales & Captive Use. Actual production of PVAc is significantly higher than that shown here.

= Includes imputed data

** = Sales and Captive Use figures include some Canadian produced material.

(4)= The Publishing of PVOH data is temporarily suspended until further notice. Since the 1985 data does include PVOH, the totals are not comparable.

R = Revision

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SPI

CRS

SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In millions of pounds, dry weight basis)(1)

MAY 1986

RESIN KIND	MAY				YEAR-TO-DATE				
	Production	Imports	Exports*	Apparent Consumption	Production	Imports	Exports*	Apparent Consumption	Import % of Apparent Consumption
EPOXY RESINS, TOTAL	38	2	11	29	159	8	42	125	6
POLYESTER (UNSATURATED) RESINS, TOTAL	112	0	2	110	532	1	11	521	0
UREA RESINS, TOTAL	104	3	0	107	514	12	1	525	2
MELAMINE RESINS, TOTAL	14	0	8	6	77	2	11	68	3
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	225	3	3	225	1,128	17	16	1,129	2
THERMOSETTING RESINS, TOTAL	493	8	24	477	2,410	40	82	2,368	2
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL	754	52	58	748	3,679	276	318	3,637	8
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	608	4	58	554	2,907	18	380	2,545	1
POLYPROPYLENE, TOTAL	478	3	81	400	2,362	11	422	1,950	1
ACRYLONITRILE-BUTADIENE-STYRENE (ABS) RESINS, TOTAL	82	7	9	80	453	33	38	448	7
STYRENE-ACRYLONITRILE (SAN) RESINS, TOTAL	7	0	1	6	37	0	5	32	0
OTHER STYRENICS	67	6	7	66	411	19	36	394	5
POLYSTYRENE, TOTAL	386	2	10	378	1,762	10	44	1,728	1
NYLON RESINS, TOTAL	39	2	5	36	199	11	26	184	6
POLYVINYL CHLORIDE & COPOLYMERS (DRY RESIN CONTENT), TOTAL	587	24	30	581	2,953	108	125	2,936	4
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	61	2	10	53	294	9	35	268	3
POLYVINYL ALCOHOL, TOTAL	D(4)	–	–	–	D(4)	–	–	–	–
OTHER VINYL RESINS, TOTAL	17	3	3	17	87	16	22	81	20
THERMOPLASTIC POLYESTER, TOTAL	97	1	13	85	459	9	57	411	2
THERMOPLASTIC RESINS, TOTAL	3,183	106	285	3,004	15,603	520	1,508	14,614	4
GRAND TOTAL	3,676	114	309	3,481	18,013	560	1,590	16,982	3

(1) = Except phenolic resins which are reported on a gross weight basis

(4) = The publishing of PVOH data is temporarily suspended until notice.

D = Disclosure

P = Revision

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Sources: Production – SPI Monthly Statistical Report
Imports – Bureau of Census IM 146
Exports – Bureau of Census EM 546

* = Bureau of Census exports will differ from the SPI exports as published on pages 4 through 11 of this report.

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

THERMOSETTING RESINS

(In thousands of pounds, dry weight basis)

MAY 1986

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	MAY			YEAR-TO-DATE			MAY			YEAR-TO-DATE		
	1986	1985	% Change	1986	1985	% Change	1986	1985	% Change	1986	1985	% Change
EPOXY RESINS, TOTAL	32,056	31,980	+ 0.2	159,958	156,183	+ 2.4	37,516	36,704	+ 2.2	158,912	160,427	- 0.9
Total Exports	5,244	4,263	+23.0	23,888	17,876	+33.6						
Captive Use, Total	1,111	1,179	- 5.8	5,649	6,207	- 9.0						
Domestic Sales, Total	25,701	26,538	- 3.2	130,421	132,100	- 1.3						
Domestic Sales & Captive Use, Total	26,812	27,717	- 3.3	136,070	138,307	- 1.6						
Bonding & Adhesives	1,739	1,588	+ 9.5	8,438	7,663	+10.1						
Flooring, Paving & Exposed Aggregate	1,763	1,720	+ 2.5	8,132	7,227	+12.5						
Protective Coatings	13,723	15,050	- 8.8	68,001	70,981	- 4.2						
Fiber Reinforced Laminates & Composites, Total	5,135	4,929	+ 4.2	30,574	30,282	+ 1.0						
FRL&C for Printed Wiring Board	3,573	2,664	+34.1	20,571	19,544	+ 5.3						
All Other FRL&C	1,562	2,265	-31.0	10,003	10,738	- 6.8						
Tooling, Casting & Molding Resins	1,802	1,936	- 6.9	9,672	10,158	- 4.8						
All Other Uses	2,650	2,494	+ 6.3	11,253	11,996	- 6.2						
POLYESTER (UNSATURATED) RESINS, TOTAL	110,419	113,031	- 2.3	530,977	528,730	+ 0.4	111,784	111,389	+ 0.4	521,604	525,394	+ 1.7
Total Exports	680	923	-26.3	4,289	3,549	+20.9						
Total Domestic	109,739	112,108	- 2.1	526,688	525,181	+ 0.3						
General Purpose Resins, Total	97,114	97,889	- 0.8	458,767	458,917	0.0						
General Purpose – Thixotropic	42,418	42,429	0.0	202,833	193,106	+ 5.0						
General Purpose – Press Molding	18,409	14,328	+28.5	72,730	68,177	+ 6.7						
General Purpose – All Other	36,287	41,132	-11.8	183,204	197,634	- 7.3						
Flame Retardant Resins	1,837	2,008	- 8.5	10,351	10,042	+ 3.1						
Chemical Resistant Resins	10,788	12,211	-11.7	57,570	56,222	+ 2.4						
Chemical Resistant Isophthalic Resins	8,530	9,590	-11.1	46,074	42,680	+ 8.0						
All Other Chemical Resistant Resins	2,258	2,621	-13.8	11,496	13,542	-15.1						
Reinforced Plastics, Total	83,917	85,318	- 1.6	407,154	408,110	- 0.2						
Non-Reinforced Plastics, Total	25,822	26,790	- 3.6	119,534	117,071	+ 2.1						

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SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)(1)

CRS

THERMOSETTING RESINS

MAY 1986

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	MAY			YEAR-TO-DATE			MAY			YEAR-TO-DATE		
	1986	1985	% Change	1986	1985	% Change	1986	1985	% Change	1986	1985	% Change
UREA RESINS, TOTAL	102,873	98,062	+ 4.9	510,300	503,390	+ 1.4	103,702	99,040	+ 4.7	513,606	507,910	+ 1.1
MELAMINE RESINS, TOTAL	15,846	17,207	- 7.9	80,572	80,809	- 0.3	13,971	18,388	-24.0	77,024	81,954	- 6.0
UREA & MELAMINE RESINS, TOTAL	118,719	115,269	+ 3.0	590,872	584,199	+ 1.1	117,673	117,428	+ 0.2	590,630	589,864	+ 0.1
Total Exports	D	D		D	D							
Total Domestic*	118,719	115,269	+ 3.0	590,872	584,199	+ 1.1						
Textile Treating & Coating Resins	1,839	1,490	+23.4	8,134	8,158	- 0.3	2,014	1,887	+ 6.7	11,009	12,034	- 8.5
Paper Treating & Coating Resins	8,156	8,972	- 9.1	41,218	40,914	+ 0.7	8,599	9,726	-11.6	41,662	44,334	- 6.0
Molding Compounds	D	D		D	D		D	D		D	D	
Bonding & Adhesive Resins for:	91,195	85,395	+ 6.8	455,029	444,135	+ 2.5	91,442	86,232	+ 6.0	454,067	446,192	+ 1.8
Laminating	4,001	3,777	+ 5.9	19,416	18,722	+ 3.7	3,885	3,809	+ 2.0	19,346	18,697	+ 3.5
Plywood	4,825	4,731	+ 2.0	24,093	23,732	+ 1.5	4,853	4,799	+ 1.1	24,261	23,898	+ 1.5
Fibrous & Granulated Wood (Particle Board)	82,369	76,887	+ 7.1	411,520	401,681	+ 2.4	82,704	77,624	+ 6.5	410,460	403,597	+ 1.7
Protective Coatings (Straight & Modified)	8,362	7,979	+ 4.8	44,042	37,094	+18.7	7,212	9,681	-25.5	45,081	41,176	+ 9.5
All Other Uses (Includes Molding Compounds, and Exports)	9,167	11,433	-19.8	42,449	53,898	-21.2	8,406	9,902	-15.1	38,811	46,128	-15.9
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	226,744	211,064	+ 7.4	1,136,977	1,058,629	+ 7.4	225,186	206,764	+ 8.9	1,127,883	1,052,510	+ 7.2
Total Exports	1,179	1,862	-36.7	6,183	9,037	-31.6						
Total Domestic	225,565	209,202	+ 7.8	1,130,794	1,049,592	+ 7.7						
Molding Compounds	17,501	17,740	- 1.3	88,584	90,975	- 2.6	17,508	18,021	- 2.8	92,577	96,581	- 4.1
Bonding & Adhesive Resins for:	204,573	186,035	+10.0	1,025,169	930,630	+10.2	203,833	183,591	+11.0	1,017,483	927,791	+ 9.7
Laminating	21,337	11,942	+78.7	78,460	60,943	+28.7	20,129	10,408	+93.4	71,868	53,733	+33.8
Coated & Bonded Abrasives	1,382	1,393	- 0.8	7,494	7,086	+ 5.8	1,392	1,396	- 0.3	7,526	7,106	+ 5.9
Friction Materials	2,295	2,096	+ 9.5	12,166	11,382	+ 6.9	2,301	1,808	+27.3	11,921	11,337	+ 5.2
Insulation Materials	39,775	30,777	+29.2	173,328	155,151	+11.7	39,885	30,903	+29.1	170,369	156,864	+ 8.6
Foundry & Shell Molding	3,513	6,892	-49.1	18,655	34,367	-45.7	3,534	7,227	-51.1	18,589	35,683	-47.9
Plywood	94,999	99,132	- 4.2	529,737	505,213	+ 4.9	95,294	98,412	- 3.2	530,373	504,905	+ 5.0
Fibrous & Granulated Wood	20,228	17,708	+14.2	107,662	84,786	+27.0	21,229	17,689	+20.0	108,726	84,531	+28.6
Resins Sold to Rubber Industry	2,515	2,090	+20.3	12,624	11,743	+ 7.5	1,531	1,618	- 5.4	12,808	13,383	- 4.3
All Other	18,529	14,000	+32.3	85,043	59,959	+41.8	18,538	14,130	+31.2	85,303	60,249	+41.6
Protective Coatings – Unmodified & Modified	1,817	2,051	-11.4	9,132	9,880	- 7.6	1,781	2,047	-13.0	9,007	9,893	- 9.0
Resins Sold to Rubber Industry, Non-Adhesive Uses #	D	D		D	D		D	D		D	D	
All Other Uses #	1,674	3,376	-50.4	7,599	18,107	-56.3	2,064	3,105	-33.5	8,816	18,245	-51.7

(1) = Except phenolic resins which are reported on a gross weight basis

* = Domestic total includes exports.

= Due to disclosure problem, All Other Uses includes Resins Sold to Rubber Industry, Non-Adhesive Uses.

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D = Disclosure

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SECTION I

CRS

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

THERMOPLASTIC RESINS

(In thousands of pounds, dry weight basis)

MAY 1986

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	MAY			YEAR-TO-DATE			MAY			YEAR-TO-DATE		
	1986	1985	% Change	1986	1985	% Change	1986	1985	% Change	1986	1985	% Change
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL	723,196	732,651	- 1.3	3,469,211	3,478,041	- 0.3	753,892	743,278	+ 1.4	3,679,321	3,609,446	+ 1.9
Total Exports	74,143	109,973	-32.6	372,466	445,708	-16.4						
Total Domestic	649,053	622,678	+ 4.2	3,096,745	3,032,333	+ 2.1						
Film (12 Mils & Below)	402,180	369,101	+ 9.0	1,833,646	1,863,492	- 1.6						
Sheet (Over 12 Mils)	D(3)	D(3)		D(3)	D(3)							
Injection Molding	44,313	52,291	-15.3	232,705	233,912	- 0.5						
Wire & Cable	28,206	30,304	- 6.9	140,818	156,021	- 9.7						
Extrusion Coating	51,022	50,450	+ 1.1	278,950	277,600	+ 0.5						
Blow Molding	3,492	4,612	-24.3	17,633	21,600	-19.3						
Pipe & Conduit, Total	2,873	2,314	+24.2	12,969	14,544	-10.8						
Corrugated Pipe & Conduit	D	D		D	D							
Non-Corrugated Pipe & Conduit	D	D		D	D							
Other Extruded Products	8,411	7,009	+20.0	46,905	35,052	+33.8						
Resellers & Compounders	51,509	*		239,542	*							
All Other Uses	57,047	106,597	-46.5	293,777	430,112	-31.7						
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	585,623	542,462	+ 8.0	2,736,791	2,585,967	+ 5.8	608,393	556,187	+ 9.4	2,907,647	2,706,696	+ 7.4
Total Exports	72,137	65,667	+ 9.9	353,783	305,210	+15.9						
Total Domestic	513,486	476,795	+ 7.7	2,383,008	2,280,757	+ 4.5						
Film (12 Mils & Below)	38,336	31,424	+22.0	186,129	168,277	+10.6						
Sheet (Over 12 Mils)	17,405	12,679	+37.3	68,568	54,426	+26.0						
Injection Molding	136,628	138,648	- 1.5	591,872	601,493	- 1.6						
Wire & Cable	11,155	9,600	+16.2	52,098	51,702	+ 0.8						
Extrusion Coating	D(2)	D(2)		D(2)	D(2)							
Blow Molding	187,764	174,371	+ 7.7	941,447	888,869	+ 5.9						
Pipe & Conduit, Total	40,333	45,134	-10.6	171,410	194,630	-11.9						
Corrugated Pipe & Conduit	14,845	15,528	- 4.4	60,312	58,794	+ 2.6						
Non-Corrugated Pipe & Conduit	25,488	29,606	-13.9	111,098	135,836	-18.2						
Other Extruded Products	3,665	3,230	+13.5	18,794	17,631	+ 6.6						
Resellers & Compounders	43,593	*		211,719	*							
All Other Uses	34,607	61,709	-43.9	140,951	303,729	-53.6						

(2) = Included in Other Extruded Products
(3) = Included in Film
* = 1985 data not available

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D = Disclosure
R = Revision

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SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

CRS

THERMOPLASTIC RESINS

(In thousands of pounds, dry weight basis)

MAY 1986

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	MAY			YEAR-TO-DATE			MAY			YEAR-TO-DATE		
	1986	1985	% Change	1986	1985	% Change	1986	1985	% Change	1986	1985	% Change
POLYPROPYLENE, TOTAL	465,819	440,864	+ 5.7	2,294,048	2,139,186	+ 7.2	478,163	424,123	+12.7	2,361,663	2,074,504	+13.8
Total Exports	80,791	63,431	+27.4	411,217	316,686	+29.9						
Total Domestic	385,028	377,433	+ 2.0	1,882,831	1,822,500	+ 3.3						
Injection Molding	105,260	109,559	- 3.9	545,744	539,893	+ 1.1						
Appliances	10,789	9,871	+ 9.3	54,294	49,510	+ 9.7						
Consumer Products	25,589	26,775	- 4.4	136,976	134,963	+ 1.5						
Rigid Packaging	36,755	35,381	+ 3.9	188,457	159,701	+18.0						
Transportation	21,711	28,673	-24.3	122,987	145,262	-15.3						
All Other Injection Molding	10,416	8,859	+17.6	43,030	50,457	-14.7						
Blow Molding	8,470	8,122	+ 4.3	43,701	46,246	- 5.5						
Containers	D	D		D	D							
All Other Blow Molding	D	D		D	D							
Film (10 Mils & Below)	44,032	36,381	+21.0	211,522	178,730	+18.3						
Sheet (Over 10 Mils)	3,549	4,397	-19.3	14,226	19,751	-28.0						
Extrusion Coating	D	D		D	D							
Wire & Cable	D	D		D	D							
Fiber & Filaments	122,021	122,822	- 0.7	581,160	593,446	- 2.1						
Textile Applications	113,271	112,555	+ 0.6	535,838	546,822	- 2.0						
Non-Textile Monofilaments	8,750	10,267	-14.8	45,322	46,624	- 2.8						
Pipe & Conduit	D	D		D	D							
Other Extruded Products #	9,677	8,083	+19.7	37,600	36,121	+ 4.1						
Resellers & Compounders	81,005	70,179	+15.4	387,679	333,020	+16.4						
All Other Uses	11,014	17,890	-38.4	61,199	75,293	-18.7						

= Includes Extrusion Coating, Wire & Cable, Pipe & Conduit

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D = Disclosure
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SPI

SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

CRS

THERMOPLASTIC RESINS

MAY 1986

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	MAY			YEAR-TO-DATE			MAY			YEAR-TO-DATE		
	1986	1985	% Change	1986	1985	% Change	1986	1985	% Change	1986	1985	% Change
ACRYLONITRILE-BUTADIENE-STYRENE (ABS) RESINS, TOTAL	82,666	90,115	- 8.3	432,921	440,712	- 1.8	82,400	96,061	-14.2	453,654	438,586	+ 3.4
Total Exports												
Total Domestic												
Electrical & Electronic Uses												
Pipe, Conduit & Fittings												
Transportation												
Consumer & Institutional												
All Other Uses												
STYRENE-ACRYLONITRILE (SAN) RESINS, TOTAL	6,215	7,544	-17.6	32,455	39,038	-16.9	7,366	7,837	- 6.0	37,116	39,119	- 5.1
Total Exports	348	623	-44.1	3,180	3,596	-11.6						
Total Domestic	5,867	6,921	-15.2	29,275	35,442	-17.4						
POLYSTYRENE RESINS, TOTAL	379,822	346,882	+ 9.5	1,805,023	1,703,463	+ 6.0	386,216	361,572	+ 6.8	1,762,336	1,662,432	+ 6.0
Straight Polystyrene	194,991	178,398	+ 9.3	931,025R	859,128	+ 8.4	198,813	193,175	+ 2.9	924,667	860,562	+ 7.5
Rubber-Modified Polystyrene	184,831	168,484	+ 9.7	873,998R	844,335	+ 3.5	187,403	168,397	+11.3	837,669	801,870	+ 4.5
Total Exports	8,938	8,458	+ 5.7	45,615	37,692	+21.0						
Straight Polystyrene	6,419	3,739	+71.7	26,196	20,687	+26.6						
Rubber-Modified Polystyrene	2,519	4,719	-46.6	19,419	17,005	+14.2						
Total Domestic	370,884	338,424	+ 9.6	1,759,408	1,665,771	+ 5.6						
Molding	127,783	106,591	+19.9	628,328R	581,421	+ 8.1						
Extrusion	170,203	152,624	+11.5	789,016R	717,135	+10.0						
Expandable Polystyrene Beads	43,388	46,787	- 7.3	189,529	203,181	- 6.7						
All Other Uses	29,510	32,422	- 9.0	152,535R	164,034	- 7.0						
Polystyrene End Uses, Total**	370,884	338,424	+ 9.6	1,759,408	1,665,771	+ 5.6						
Packaging	89,267	77,759	+14.8	416,497	398,619	+ 4.5						
Disposables	47,348	41,065	+15.3	225,230	195,223	+15.4						
Consumer and Institutional Products	50,521	57,821	-12.6	226,506	281,548	-19.5						
Electrical/Electronics	35,287	25,440	+38.7	157,441	135,244	+16.4						
Furniture, Furnishings, Building & Construction	20,412	13,638	+49.7	85,926	61,794	+39.1						
Expandable Polystyrene Beads	43,388	46,787	- 7.3	189,529	203,181	- 6.7						
Resellers and Compounders	30,993	45,053	-31.2	200,832	220,258	- 8.8						
All Other End Uses	53,668	30,861	+73.9	257,447	169,904	+51.5						

** = Portions of the End Use Section are estimated.

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SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

CRS

THERMOPLASTIC RESINS

(In thousands of pounds, dry weight basis)

MAY 1986

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	MAY			YEAR-TO-DATE			MAY			YEAR-TO-DATE		
	1986	1985	% Change	1986	1985	% Change	1986	1985	% Change	1986	1985	% Change
STYRENE BASED LATEXES, TOTAL	71,253	68,518	+ 4.0	348,508	328,777	+ 6.0	66,531	64,133	+ 3.7	328,089	307,521	+ 6.7
Paper Treating	4,498	2,555	+76.0	21,282	15,981	+33.2						
Textile Treating	1,807	1,407	+28.4	8,541	7,200	+18.6						
Carpet Backing	26,244	26,341	- 0.4	122,911	127,617	- 3.7						
All Other Uses (Including Exports & Paper Coating)	38,704	38,215	+ 1.3	195,774	177,979	+10.0						
OTHER STYRENE BASED POLYMERS, TOTAL 40% or more styrene	20,651	22,818	- 9.5	113,885	108,090	+ 5.4	25,138	19,992	+25.7	107,737	107,003	+ 0.7
Total Export	D	D		D	D							
Total Domestic	20,651	22,818	- 9.5	113,885	108,090	+ 5.4						
Molding & Extrusion	16,170	17,950	- 9.9	89,480	82,391	+ 8.6						
Coatings	4,481	4,868	- 7.9	24,405	25,699	- 5.0						
NYLON RESINS, TOTAL	38,417	33,004	+16.4	186,455	168,655	+10.6	39,170	32,266	+21.4	199,427	172,584	+15.6
Total Exports	3,111	1,731	+79.7	13,727	10,250	+33.9						
Total Domestic	35,306	31,273	+12.9	172,728	158,405	+ 9.0						
Injection Molding Grade	23,571	20,657	+14.1	115,733	105,765	+ 9.4						
Extrusion Grade	9,759	8,256	+18.2	46,562	42,155	+10.5						
Resellers and Compounders	1,365	1,654	-17.5	7,308	7,605	- 3.9						
All Other Uses	611	706	-13.5	3,125	2,880	+ 8.5						

*** = Old disclosure rules apply for Styrene Butadiene section. One company cannot be greater than 50% and no two companies can be greater than 75%. For disclosure rules covering other materials, see the back of the cover of the report.

* = Exports are included in Total Domestic and Molding & Extrusion.

Styrene Based Latexes sales includes some Canadian-produced material.

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MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
(in thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS — MAY 1986

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	MAY			YEAR-TO-DATE			MAY			YEAR-TO-DATE		
	1986	1985	% Change	1986	1985	% Change	1986	1985	% Change	1986	1985	% Change
POLYVINYL CHLORIDE & COPOLYMERS (DRY RESIN CONTENT), TOTAL	635,694	514,007	+23.7	3,012,113	2,791,029	+ 7.9	587,199	575,705	+ 2.0	2,953,503	2,853,714	+ 3.5
Homopolymer Resins Including Blending & Latex	588,435	459,695	+28.0	2,760,799	2,536,274	+ 8.9	538,394	521,450	+ 3.2	2,706,450	2,579,723	+ 4.9
Copolymer Resins Including Blending & Latex	16,725	22,190	-24.6	87,615	107,392	-18.4	14,998	22,957	-34.7	81,609	116,324	-29.8
Dispersion Resins	30,534	32,122	- 4.9	163,699	147,363	+11.1	33,807	31,298	+ 8.0	165,444	157,667	+ 4.9
Total Exports	25,559	22,157	+15.4	134,402	117,347	+14.5						
Total Domestic	610,135	491,850	+24.0	2,877,711	2,673,682	+ 7.6						
Calendering, Total	63,454	54,750	+15.9	306,420	267,514	+14.5						
Flooring	14,036	12,042	+16.6	71,286	61,002	+16.9						
Textile	7,622	5,157	+47.8	32,071	31,307	+ 2.4						
All Other Calendering Uses	41,796	37,551	+11.3	203,063	175,205	+15.9						
Coating, Total	25,348	27,752	- 8.7	128,945	119,794	+ 7.6						
Flooring	10,566	12,409	-14.9	53,903	47,192	+14.2						
Textile & Paper Coating	7,678	8,397	- 8.6	39,496	35,578	+11.0						
Protective Coatings	3,730	3,540	+ 5.4	19,878	18,009	+10.4						
Adhesives & All Other Coating Uses	3,374	3,406	- 0.9	15,668	19,015	-17.6						
Extrusion, Total	403,827	330,620	+22.1	1,959,454	1,892,039	+ 3.6						
Wire & Cable	34,881	35,379	- 1.4	184,279	191,544	- 3.8						
Film & Sheet	21,455	18,233	+17.7	105,996	99,108	+ 6.9						
Siding & Siding Accessories	40,335	39,900	+ 1.1	210,635	181,214	+16.2						
Rigid Pipe & Tubing (Except Fittings)	263,474	189,850	+38.8	1,222,851	1,205,725	+ 1.4						
All Other Extrusions	43,682	47,258	- 7.6	235,693	214,448	+ 9.9						
Molding, Total	42,655	39,115	+ 9.1	212,678	197,611	+ 7.6						
Bottles	19,831	13,272	+49.4	84,140	69,305	+21.7						
Sound Records	2,766	5,635	-50.9	19,454	27,020	-28.0						
Fittings (Rigid Pipe & Tubing)	10,323	14,107	-26.8	61,098	72,133	-15.3						
All Other Molding	9,735	6,101	+59.6	47,786	29,153	+63.9						
Paste Processes (Except Coating)	11,819	13,187	-10.4	67,141	64,373	+ 4.3						
Plastisol Formulation	5,964	6,777	-12.0	33,895	33,060	+ 2.5						
All Other	5,855	6,410	- 8.7	33,246	31,313	+ 6.2						
Resellers & Compounders	24,837	5,461	+354.8	111,583	35,248	+216.6						
All Other Uses	38,195	20,965	+82.2	91,490	97,103	- 5.8						

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MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS — MAY 1986

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	MAY			YEAR-TO-DATE			MAY			YEAR-TO-DATE		
	1986	1985	% Change	1986	1985	% Change	1986	1985	% Change	1986	1985	% Change
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	60,628	60,594	+ 0.0	293,969	285,964	+ 2.8	60,628	60,594	+ 0.0	293,969	285,964	+ 2.8
Total Exports	531	487	+ 9.0	2,629	2,730	- 3.7						
Total Domestic	60,097	60,107	- 0.0	291,340	283,234	+ 2.9						
Emulsion Paints	21,402	18,890	+13.3	100,257	84,438	+18.7						
Adhesives, Caulks and Sealants	22,171	23,322	- 4.9	108,056	112,067	- 3.6						
Paper Treating & Paper Coating	8,757	9,700	- 9.7	45,380	48,140	- 5.7						
Textile Treating	2,472	3,079	-19.7	13,890	13,836	+ 0.4						
Non-Woven Binders	D(1)	D(1)		D(1)	D(1)							
All Other Uses	5,295	5,116	+ 3.5	23,757	24,753	- 4.0						
POLYVINYL ALCOHOL, TOTAL #	D(4)	13,007	n.c.	D(4)	61,104	n.c.	D(4)	13,128		(D)4	61,415	
Total Exports		2,566			12,511							
Total Domestic		10,441			48,593							
OTHER VINYL RESINS*, TOTAL	16,170	17,567	- 8.0	80,580	79,609	+ 1.2	16,960	16,777	+ 1.1	86,960	77,819	+11.7
Total Exports	4,178	4,640	-10.0	21,577	19,879	+ 8.5						
Total Domestic	11,992	12,927	- 7.2	59,003	59,730	- 1.2						
*Include only polyvinyl butyral, polyvinyl formal, and polyvinylidene chloride												
THERMOPLASTIC POLYESTER, TOTAL	103,454	78,189	+32.3	457,264	385,390	+18.6	97,397	86,758	+12.3	438,699	399,629	+14.8
Total Exports	17,804	10,951	+62.6	64,530	49,608	+30.1						
Total Domestic	85,650	67,238	+27.4	392,734	335,782	+17.0						
PET Bottle Grades	61,118	51,313	+19.1	277,579	249,586	+11.2						
All Other Thermoplastic Polyester**	24,532	15,925	+54.0	115,155	86,196	+33.6						

** = Includes All Other PET and All Injection Molding Grades
# = Includes some imputed data
(1) = Included in All Other Uses
(4) = The Publishing of PVOH data is temporarily suspended until further notice.

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MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

THERMOSETTING & THERMOPLASTIC RESINS

RESIN CODING CLASSIFICATIONS	
EPOXY (UNMODIFIED) RESINS	EPOXY
POLYESTER (UNSATURATED) RESINS	PY
UREA RESINS	UREA
MELAMINE RESINS	MELA
PHENOLIC & OTHER TAR ACID RESINS	PHEN
LOW DENSITY POLYETHYLENE 0.940 & BELOW	LDPE
HIGH-DENSITY POLYETHYLENE ABOVE 0.940	HDPE
POLYPROPYLENE POLYMERS & COPOLYMERS	PP
ACRYLONITRILE-BUTADIENE-STYRENE (ABS) RESINS)	ABS
STYRENE-ACRYLONITRILE (SAN)	SAN
POLYSTYRENE RESINS	PS
STYRENE BUTADIENE LATEXES - carboxylated, 45% styrene content and over	SBL
OTHER STYRENE BASED LATEXES - over 50% styrene including styrene butadiene latexes not carboxylated	OTHER SBL
OTHER STYRENE BASED POLYMERS - over 40% styrene and used in molding and extrusion processes	OTHER SBP
NYLON RESINS	NYLON
POLYVINYL CHLORIDE & COPOLYMERS (DRY RESIN CONTENT)	PVC
POLYVINYL ACETATE	PVAc
POLYVINYL ALCOHOL	PVOH
OTHER VINYL RESINS	OTHER VINYL
THERMOPLASTIC POLYESTER	TPY

REPORTING CLASSIFICATIONS	
CATEGORY	CODE
Production	P
Domestic Sales	D
Export Sales	E

Above Legends Refer to the Following List of Reporting Companies by Resin Category.